Exercises:

1. Perform a function that is passed a number and a number vector by parameter and check if the number is in the vector. Perform the exercise with for.

2. Perform a function that is passed a number and a numeric array by parameter and check if the number is in the array. Perform the exercise with for.

3. Perform a function that is passed a number and a numeric array by parameter. The function should check if the number is in the matrix and count the number of times that number is in the matrix. Perform the exercise with for.